

## Abstract

### Money Item Acceptor

An acceptor for money items such as coins or banknotes produces a money item  
5 parameter signal  $x_1$  as a function of a sensed characteristic of a money item. A store  
(12) provides data which defines a window corresponding to a normal acceptance  
range of values of the parameter signal for a money item of a particular  
denomination (NAW), the range including relatively high and low acceptance  
probability regions (RAW, USM) which correspond to a relatively high or low  
10 probability or an occurrence of a sensed money item of a particular denomination.  
The processor 11 determines when an occurrence of the parameter signal  $x_1$  falls  
within the low probability region (USM) and then for the next sensed money item  
compares the value of the parameter signal ( $x_1$ ) with window data corresponding to  
a restricted acceptance range (RAW) so as only to accept the second money item if  
15 the corresponding value of the parameter signal  $x_1$  falls within the restricted  
acceptance range.